INDEX

* Denotes Articles and Papers. § Reviews and Notices.

A.

ABESHA, Wadai, 243
Abu Moharik dune belt: W. J. Harding King on, 16 *
Adamello crest, Alps, capture of, 68
Adriatic coast of Italy, open to attack, 66
Africa—
British policy in, 143–145
Cape to Cairo Railway, 139; Present time-table on route, 45
Central, Belgium and Germany in: Comte R. de Briey, 272 (*title only*), 293 *; Dr. Marquardsen on term, 190 §; Effect of Proposals for Creation of an "International State" in, 188; Former lake region of, 243
E. Africa: General Smuts, 1 *, 192 (*title only*)
Germany and Africa, 190 §
Map of, Notes on construction of a general: A. R. Hinks, 406 (*title only*)
N.W., Climate of: H. G. Lyons, 258 §
South: History of: D. Fairbridge, 397 §; History of, vol. 1: G. McCall Theal, 396 §
South-West, Geol. and Mineral Industry of: P. A. Wagner, 263 §
W. African forests, Max Moisel on, 190 §
Ain Feshkha, Dead Sea, water-level at, 206
Airy, on deflection of plumb-line by Himalaya, 176
Albania—Future of Alb. State: Captain J. S. Barnes, 340 (*title only*); Itinerari Albanesi: A. Baldacci, 183 §; ports of, 6; rise of, 118
Albert Lake, railway communication with, 139
Alexandria, account by S. Semeonis, 79
Ali Dinar, ex-Sultan of Darfur, 244, 245
Alsace-Lorraine: D. Blumenthal, 395 §; Question of: J. Duhem, 395 §; True Story of: E. A. Vizetelly, 395 §
Altai, region of, 150; stag of, 154
Altitude sickness, 375–376, 380, 381
Anderson, T., Volcanic Studies, 266 §
Angola, climatology of, 190
Anthropology—Modern Man and his Forerunners: H. G. F. Spurrell, 52 §
Apulia, Population and Rainfall in, A. Colamonico on, 268 §
Arabia, recent journeys in, 1
Archangel, development of, 361–363
Archer, G. F., award to, 335
Arctic Seas, Ice in, Speerschneider on, 56 §
Asia, Routes from Panjab to Turkestan and China: Finch and Stein, 172 *
Asiago plateau, Italian front, 69, 70
Asquith, Rt. Hon. H., on London road scheme, 277
Assedinus, companion of S. Semeonis, 90
Atlantic, Oceanogr. Investns. by the *Bache* in, H. B. Bigelow on, 56 §
Aurora Relief Expn., 1916–1917: Captain J. K. Davis, 35 *
Aurousseau, Captain M., Rural Population in Picardy and Flanders, 393 *
Australia, pioneer work in, Hon. J. Lewis and R. Logan Jack on, 269 §; rivers of eastern seaboard, 102; settlement of, 127, 128
Azores, Plants, Seeds, and Currents in . . .: H. B. Guppy, 399 §

B.

BABYLON (Old Cairo), Semeonis on, 86–89
Bache, oceanogr. investns. in Atlantic, 56
Baggi, —, on proposed canal from Genoa to Lake Maggiore, 402 §
Bahr el Ghazal wadi, 241
Bahr Tubariya: *see* Galilee, Sea of
Bahutu race, Burundi, 299
Bakhuyzen, on Int. Geod. Assoc., 33
Baldacci, A., Itinerari Albanesi, 183 §
Balfour, A., Hon. Member R.G.S., 2
Balkans, Balkan Penins.—direction of rivers in, 14; Geogr. War Problems in, Colonel Sir T. H. Holdich, 3 *; Rise of Nationality in: R. W. Seton-Watson, 115 §; Racial complexity of, 15; Turks and the Balkans: M. E. Durham, 115 *
Ballinger River, Queensland, sandb. of, 108
Baltistan, Finch's description, 174
Barabra Island, Queensland, 110–111
Bardai oasis, Tibesti, position, 243
Barnes, Captain J. S., Future of Albanian State, 340 (*title only*)
Barquero, M., on proposal for summer time in Spain, 406
Barratta Creek, Queensland, sandbanks in, 109
Barrell, on isostatic equilibrium, 177–178
Bartholomew Anglicus, encyclopædia of, 96
Bartlett, Captain R. A., award to, 335; and *Karluk* disaster, 309, 311–313, 316

Barton, E. C., Work of colloids in sand-bank and delta formation, 64 (*title only*), 100 *
Battisti, C., Trentino, 48 §
Batutsi and Batwa, Cent. Africa, 299
Bauer, L. A., on Halley's Atlantic Chart, 237, 239
Beadnell, H. J. L., on dune obsns. in Kharga oasis, 17
Bear, U.S. cutter, rescue work by, 316
Bear River, N.W. Canada, 317
Beckers, W. J., on location of Cassiterides, 54 §
Belbeis, near Cairo, Semeonis on, 92
Belgian Congo, aims of Germany, 302
Belgium and Germany in Africa : Lt.-Cte. Renaud de Briey, 293 *
Bell, G. Lothian, award to, 335
Berre, Etang de, A. Chevallier on, 267 §
Bessarabia, Rumanian claim to, 12, 13
Bigelow, H. B., Oceanogr. Investns. by the *Bache* in W. Atlantic, 56 §
Bigelow, P., E. S. Morse's Japan (review), 262 §
Bilaphond La, Pass, spelling of, 40
Bismarck on German colonies, 301
Black Man's Part in War: Sir H. H. Johnston, 51 §
Blanchard, R., on "moëres" of Flanders, 53 §
Bloody Falls, Coppermine River, 319
Blumenthal, D., Alsace-Lorraine, 395 §
Bohemia, racial complexity of, 8-9, 15
Boldensel, on egg-hatching stoves, 89
Bonnesmains, Guillaume de, visit to Egypt, 1323..88
Borku, 241
Bosnia, strategical importance of, 7
Bosphorus and Dardanelles : C. Phillipson and N. Buxton, 115 §
Boswell, P. G. H., on British glass-sands, 335 §
Bowling Green, Cape, Queensland, 106, 111
Bowman's "Andes of Southern Peru," Jefferson on, 62
Bransfield Strait, Antarctic, currents in, 229
Brassey, Earl, *Sunbeam* R.Y.S., 265 §
Briey, Lt.-Comte Renaud de, "Belgium and Germany in Africa," 272 (*title only*), 293 *
British Glass-sands, P. G. H. Boswell on, 335 §
Brookes, quoted, on river-bars, 101
Brooks, Major E. C., letter of, on Inca treasure, 60
Brown, Capt. G. St. J. O., S.E. Face of Mt. Kenya, 389 *
Brown, R. N. R., remarks on "Drift of *Endurance*," 235
Browne, [Sir T.], on Bulgar dress, 117
Bruce, W. S., work in Weddell Sea, 216
Brunialti, A., Trentino e Trieste, 261 §
Bryce, Lord, Hon. Member R.G.S., 2; remarks : on "War Problems in Near East," 13; on "My Second Year's Journey on Border of Kansu," 354
Bulgaria, grievances of, 12
Bulow, Von, on German colonial policy, 301
Burchard of Mount Sion, quoted, 80, 81
Burdekin River, Queensland, delta, 110
Burnett River, Queensland, crescent bar, 110, 111
Burrard, Col. Sir S. G., Papers on Attraction of Himalayas upon Plumb-line, and on origin of same, etc., reviewed, 175 §; tables of, 375
Burundi, Cent. Africa, 298
Butler, F. H., Through Lapland, 47 §
Buxton, N. : *see* Philippson, C.

C.

CADORE, scenery, 70
Cady, P., on Dead Sea waves, 209
Caine, C., Cleator and Cleator Moor, 394 §
Cairo, described by Semeonis, 82–86
California, McAdie on rainfall, 54 §
Calkins, H. A. : *see* Curran, W. T.
Calvary, Mt., described by Semeonis, 94–95
Calver, on river-bars, 101
Calvert, A. F., Germ. East Africa, 48 §
Calvert, A. S. and P. P., Costa Rican Natural History, 49 §
Canada : In C.'s . . . Northland : W. Tees Curran and H. A. Calkins, 333 §
Cape York Penins., R. L. Jack on expln. of, 270 §
Carmichael, —, Early traveller : Douglas Carruthers and F. D. Harford, 323 *
Carnia, severe winter in, 71
Carruthers, D., mapping of Cent. Arabia, 1
Carruthers, D., and Harford, F. D., Mr. Carmichael : early traveller in Syrian Desert, 323 *
Cassiterides, W. J. Beckers on location of, 54 §
Cathia (Qatîya or Katîyeh), Semeonis on, 92
Chad, Lake, supposed connection with Nile, 241
Chad region, Commandant Tilho in, 54
Chafe, E. F., Voyage of *Karluk* and its Tragic Ending, 307 *
Chang-chun, Manchuria, 157
Chapman, S., on terrestrial magnetism, 237
Charing Cross Bridge, proposals for, 282, 288, 290
Chebson Abbey, Tibet, 349
Chelonides, Lake of old geographers, 243
Chevallier, A., on Etang de Berre, 267 §
Chile, 397 §
Chinyanja language, E. Africa, 169
Chloumontzi, Greece, Castle of, 58
Christy, Major C., award to, 335
Chrystal, Prof., on seiche phenomena, 210, 211
Chuiskaya Steppe, Siberia, 155
Civilization, H. G. F. Spurrell on, 52 §
Clark, —, biological work in Antarctic, 219
Cleator and Cleator Moor : C. Caine, 395 §

Clipperton Atoll, Discovery of, G. Roncagli on, 405 §
Close, Col. C. F., knighthood for, 127; remarks on "Belgium and Germany in Africa," 305
Colamonico, A., on Population and Rainfall in Apulia, 268 §
Colloids, Work of, in Sandbank and Delta formation: E. C. Barton, 100 *
Colombia—Quito to Bogotá: A. C. Veatch, 333 §
Constantinople, site of, L. Dominian on, 402 §
Continental shelf, Antarctic, 223
Conway, Sir M., on early hist. of Spitsbergen, 248
Coppermine River, N. Canada, 318
Cornish, V., remarks on "Study of a Dune Belt," 250, 257, 258; theory of sand-dune formation, 21–23, 31–32
Corwin, U.S. cutter, rescue work in Arctic, 316
Cossack Problem, 160–163
Costa Rican Natural History, Year of: A. S. and P. P. Calvert, 49 §
Crommelin, A. C. D., Weddell Sea obsns. recalculated by, 219, 236
Crookes, Sir W., Wheat Problem (Review), 325 *
Crosthwait, Major H. L., Investn. of Isostasy in India, 175 §
Curran, W. T., and H. A. Calkins, In Canada's Wonderful Northland, 333 §
Czaplicka, M. A., My Siberian Year, 331 §; remarks on "Future of Siberia," 160
Czechs, 8–9

D.

Dalmatia, physical division of, 6; its strategic importance, 7
Daly, on river-mouths, 101
Dana, J. D., on isostasy, 177
Danube, as commercial highway, 7; its delta, 110
Dardanelles, Question of Bosphorus and: C. Phillipson and N. Buxton, 115 §
Dar-es-Salaam, 294
Dar-Tama plateau, Wadai, 244
David, A. J., remarks on "Forest Region of N.E. Russia," 372
Davies, A. M., Problem of Himalaya and the Gangetic Trough, 175 *
Davis, Captain J. K., *Aurora* Relief Expn., 1916–1917..35 *
Dead Sea, 202–209, 211–212
Delbrück, on Germany in Africa, 142
Deltas, Work of Colloids in . . . delta formation: E. C. Barton, 64 (*title only*), 100 *
Des Planches, Baron Mayor, remarks on "Geogr. of Italian Front," 75
Deutschland, drift of, 228
Devine, A., on Montenegrin history in 1912..338
Dinaric Alps, limestone of, 5
Dobrudja boundary of Rumania, 12
Dominian, L., on site of Constantinople, 402 §
Drecker, on origin of Mercator's Projection, 270 §
Drin River, 6
Duhem, J., Question of Alsace-Lorraine, 395 §
Dune Belt, Study of: W. J. H. King, 16 *, 192 (*title only*)
Durbulla Mt., Darfur, 244
Durham, —, quoted, on river-bars, 101
Durham, M. E., Turks and the Balkans, 115 *, 338
Dutch in Spitsbergen, 248
Dutton, Maj. C. E., on isostasy, 177
Dvina, N., scenery along, 364–366

E.

East, Far, Ancient Sea-route to: W. H. Schoff, 403 §
East, Near, Geogr. War Problems in: Sir T. H. Holdich, 3 *, 64 (*title only*)
Ecuador, Quito to Bogotá: A. C. Veatch, 333 §
Egypt, Semeonis in, 81, desert described, 92; Summer time discussed, 406
El Bataiha plain, Jordan Valley, 198
El Fasher, Sudan, 244–245
Ellis, B., on Carmichael's journey, 324
Emi-Kussi, volcano, Tibesti, 243
Endurance, Drift of: Lieut. J. M. Wordie, 128 (*title only*), 216 *
England, climate, 127
Ennedi, Sahara, plateau of, 241
Erdi, Sahara, 241
Eredia, F., on snowfall in Tripoli, 125 §
Erzberger, —, on German colonial policy, 296
Eskimo, Copper, 319
Eskimo, Origin of E. Culture, 263 §
Evans, Sir A., on Dalmatians, 6
Evans, J. W., remarks on "Study of a Dune Belt," 253
Everest, Col, meast. of Great Arc of India by, 176
Eversley, Lord, Turkish Empire, 115

F.

Fairbridge, D., Hist. of S. Africa, 397 §
Farrer, R., My Second Year's Journey in Kansu, 272 (*title only*), 341 *; On the Eaves of the World, 121 §
Filippi, Magg. Cav. Filippo de, Geogr. of Italian Front, 64 (*title only*), 65 *
Finch, W., on Routes from Panjab to Turkestan, etc.: Sir A. Stein, 172 *
Fisher, O, on mountain-building, 177
Flanders, Rural Population in: Capt. M. Aurousseau, 393 *; "moëres": R. Blanchard on, 53 §
Fleure's "Human Regions," 128 §
Food-supply, new sources of, E. G. Nourse on, 406 §
Forbes, N., History of Poland: Major F. E. Whitton, 329 §

Foster, W., and Finch's travels, 173
Fow (Fua or Fouah), Semeonis on, 79
Frameinsberg, Rudolf of, on distance Alexandria–Babylon, 80
France—F. de l'Est: P. Vidal de la Blache, 119 §
French Equatorial Africa, M. Moisel on, 190 §
Freshfield, D. W., on glacier streams in winter, 271; on Spitsbergen, 246; remarks: on "Geography of Italian Front," 75; on "Aerial Reconnaissance in Himalaya," 384, 388
Freytag, — von, on native armies in next war, 14

G.

Galilee, Sea of, 198–200
Gangetic Trough, Problem of Himalaya and [review of papers by Burrard, Oldham, Hayden, etc.]: A. Morley Davies, 175 *
Ganneau, C. Clermont, level of Dead Sea, 209
Gasherbrum Glacier, Karakoram, 41
Gaza, Semeonis at, 93
Gazani, Egypt, Semeonis on, 89
"Genenillas," of Semeonis, 59
Geodesy: Prof. Bakhuyzen on Internat. Geod. Ass., 33
Geographers, British, honours for, 127
Geography, Professorship of, at Aberystwyth, 338
Geophysics: Meetings for discussion on, 338
German E. Africa: A. F. Calvert, 48 §; Notes on S.W. area of: O. Letcher, 164 *; potentialities of, 294
German political aims, 140–143; system of tropical development, 137–138
Germany—Belgium and, in Africa: Lt.-Cte. Renaud de Briey, 293 *; and Africa, 190
Gimer region, Darfur, 244
Gilbert, G. K., on isostatic compensation, 178
Glacier streams in winter: D. W. Freshfield on, 271
Glass-sands, British, Boswell on, 335 §
Gleadow, F., on "radigthe" of Semeonis, 272
Gorizia, capture of, 70, 72
Graham Land, tectonics of, 236
Grant, Lieut., remarks on "Aerial Reconnaissance in Himalaya," 388
Great Bear Lake, 318
Greenland, Survey of N.E.: I. P. Koch, 398 §
Guaranis of Paraguay, 122
Guerra, J. G., Soberania Chilena en . . . Canal Beagle, 334 §
Gunther, R. T., on geological regions of Oxfordshire, 124 §
Guppy, H. B., Plants, Seeds, and Currents in W. Indies and Azores, 399 §
Gwynn, J., "London and Westminster Improved," 275

H.

Halley's Magnetic Variation Charts: E. A. Reeves, 237 *
Hammer, E., on Mercator's Projection, 270 §
Harcourt, V., on movement of Danube mouth, 101
Hare, H. T., remarks on "London Society's Map," 288
Harford, F. D.: *see* Carruthers, D.
Harvey Bay, Queensland, 111
Hassert, K., on phys. geogr. of N.W. Kamerun, 190 §
Hayden, H. H., Relationship of Himalayas to Indo-Gangetic Plain, etc., 175 §
Hayford, J. F., on isostasy, 177
Hayward, V. G., death of, in Antarctic, 36
Hebron, Semeonis on, 93
Hellard, Col., remarks on "London Society's Map," 287
Herald Id., Arctic, 310
Herbert, E., improvement of Greater London, 279
Herschel Id., Arctic Canada, 322
Herzegovina, strategical importance of, 7
Hilgard, E. W., on origin of Mississippi bar, 101
Hill, Capt. A. W., remarks on "Tibetan Border of Kansu," 355
Hill, Sir J. G., on levels of Dead Sea, 205
Himalaya, Papers on origin of, reviewed: A. M. Davies, 175 *; Possibility of Aerial Reconnaissance in: A. M. Kellas, 340 (*title only*), 374 *
Hinks, A. R., construction of a general map of Africa, 408 (*title only*); remarks on "Drift of *Endurance*," 236; on "Study of a Dune Belt," 256; on "Work of Colloids in Sandbank and Delta formation," 114
Hogarth, Comm. D. G., honour to, 127
Holdich, Col. Sir T. H., Address at opening of session, 1; Geographical War Problems in the Near East, 64 (*title only*), 3 *; remarks: on "Aerial Reconnaissance in Himalaya," 386; on "Belgium and Germany in Africa," 303, 306; on "East Africa," 145, 148; on "Forest Region of N.E. Russia," 371, 373; on "Future of Siberia," 159; on "Geography of Italian Front," 76; on "Jordan Valley," 213, 215; on "London Society's Map," 287, 291; on "Second Journey [in] Kansu," 354, 357; on "Work of Colloids in Sandbank and Delta formation," 113; Reply to Lisbon Geog. Soc. on "International State" in C. Africa, 189
Holland, Sir T. H., Address to Section C, Brit. Ass. (Australian Meeting), 175 §; Origin of Himalayan Folding, 175 §
Hollings, M. A., Life of Sir C. Scott Moncrieff, 186 §
Holy Cross, Monastery, Jerusalem, 93
Holy Roman Empire, 117

Holy Sepulchre, Church of, Jerusalem, 94
Hubert, H., Mission Scient. au Soudan, 258 §
Hudson, T. C., on "Zone" time, 191
Hugo Illuminator, death of, 88
Huli morass, Jordan, 197
Hull, E., traverse of shore of Dead Sea, 207
Huntington, E., human energy, map of, 127
Hussey, L., meteorol. work in Antarctic, 218
Hwang-ho: *see* Yellow River

I.

Ice, structure of Antarctic, 219–223, 232, 233
Inca treasure of Llanganati, 59
India—Problem of Himalayas, etc.: A. M. Davies [Review of papers by Burrard, Oldham, Crosthwaite, etc.], 175 *
International Science, future of, 33
Irazu, Mt., Costa Rica, 50
Isonzo River, activity on, 72; political boundary in plains of, 67
Isostasy, Investn. of, in India: Major H. L. Crosthwait, 175 §
Italia Irredenta—Trentino e Trieste: A. Brunialti, 261 §
Italian Front, Geography of: Magg. Cav. Filippo de Filippi, 64 (*title only*), 65 *
Italy and the Adriatic question, 7; proposed canal, Genoa to L. Maggiore, Prof. Baggi on, 402 §
Itinerari Albanesi: A. Baldacci, 183 §

J.

Jack, R. L., on expln. of Cape York Penins., 270 §
Jackson, J. W., Shells as Evidence of Migration of Culture, 184 §
Jacobites, Semeonis' account of, 77; martyrdom of, at Cairo, 88
James, R. W., magnetic work in Antarctic, 218
James the Apostle, head of, 95
Japan Day by Day: E. S. Morse, 262 §
Jebel Marra, Mt., Darfur, 244
Jebel Usdum, salt mt., Dead Sea, 203
Jefferson, M., on Bowman's "Andes of S. Peru," 62
Jerusalem, Semeonis' account of, 94
Jews, Semeonis on, 77
Johnston, Sir H. H., Black Man's part in War, 51 §
Jordan, L., remarks on "Work of Colloids in Sandbank formation," 113
Jordan Valley and its Lakes: E. W. G. Masterman, 128 (*title only*), 194 *; length of J., 404
Juan Viñas, Costa Rica, fertility of, 50
Jugo-Slav federation, 9–10
Jurab basin, Sahara, 243

K.

Kabiya, Darfur, 244
Kalahari, Can its climate be improved? 337
Kalmuk country, 154
Kamerun, K. Hassert on phys. geog. of N.W., 190 §
Kansu, My Second Year's Journey in: R. Farrer, 272 (*title only*), 341 *; On the Eaves of the World: *Id.*, 121 §
Karakoram, Glaciers and Passes of: F. B. and W. H. Workman, 38 §; correction to review, 263
Karluk, Voyage of: E. F. Chafe, 307 *
Katanga copper area, German exploitation of, 295; railways to, 139
Kellas, A. M., Possibility of Aerial Reconnaissance in the Himalaya, 340 (*title only*), 374 *
Keltie, J. S., knighthood for, 127
Kenya, Mt., S.E. Face of: Capt. G. St. J. Orde Brown, 389 *
Kenyon, Sir F., remarks on "London Society's Map," 288
Keppel, Hon. G., on Bulgar villages, 117
Kerr, M., remarks on "Aerial Reconnaissance in Himalaya," 383
Kharga Oasis, dune obsns. in, 17
Kigoma, Tanganyika, 297
Kilimanjaro, Mt., 134
King, L. W., remarks on "Jordan Valley and its Lakes," 214
——, W. J. H., Study of a Dune Belt, 16 *, 192 (*title only*)
King and Wing, schooner, rescue of *Karluk* party by, 315
Kisaka country, C. Africa, 301
Kiswahili language, E. Africa, 169
Kivu Lake, C. Africa, 298, 305
Koch, I. P., Survey of N.E. Greenland, 398 §
Koebel, W. H., Paraguay, 122 §
Koko-Nor, Viceroyalty of, 343
Kolan River, Queensland, outlet of, 108
Kolbe, F., on German control of W. Africa, 142
Konde highlands, German E. Africa, mineral wealth of, 166
Konigsberg, German warship, in Rufiji River, 134
Kosh-agach, Siberia, 155
Kotlas, N. Russia, 366–367
Kowra, col of, Darfur, 244
Kwichwe Ids., L. Kivu, 306

L.

La Nauze, C. D., Police Patrol in N.W. Territories (Canada), 316 *
Lapland: Through L. with Skis: F. H. Butler, 47 §
Lees, Major T. O., remarks on "Drift of *Endurance*," 233; on "Aerial Reconnaissance in Himalaya," 385
Lenox-Conyngham, Lieut.-Col. G. P., Note on Himalayas and Gangetic Plain,

175 §; Pendulum Observations in India, 175 §
Le Roux, Father, murder of, 319
Letcher, O., S.W. of Germ. E. Africa, 164 *
Lewis, Hon. J., on early settlement of S. Australia, 269 §
Libyan Desert, dune belts of, 16
Linderberg, —, and *Karluk* Expdn. rescue work, 316
Littledale, St. G. R., visit to Altai, 152
Llanganati, Inca treasure of, 59
London Society's Map: Sir A. Webb, 192 (*title only*), 273 *
Long, Rt. Hon. W., remarks on "East Africa," 147
Longstaff, T. G., Explns. in Karakoram, 38, 51
Lorraine frontier, 120
Lucas, A., Analysis of desert sand by, 29
Lutheran Missions in E. Africa, 166
Lyde, L. W., Real Wheat Question (The Wheat problem: Sir W. Crookes), 325 *
Lyons, Maj. H. G., Climate of N.W. Africa, 258 §

M.

McAdie, A. G., on rainfall of California, 54 §
McCaw, G. T., Resection in Survey, 340 (*title only*)
Macgregor, J., explns. in Huli morass, Jordan Valley, 197
Mackintosh, Capt., death of, in Antarctic, 36
Macleay River, Queensland, sandbanks in, 108
McMahon, Col. Sir H., remarks on "Work of Colloids in Sandbank . . . formation," 113
Magnetic Dip Chart, Transformation of: E. A. Reeves, 272 (*title only*)
—— Variation Charts, Halley's: E. A. Reeves, 237 *
Mahenge Flats, German E. Africa, 165
Maina or Mayna, Greece, anct. Tænarian penins., 59
Mallock, —, geologist, *Karluk* Expdn., death of, 314
Mamen, *Karluk* Expdn., death of, 314
Maral or Altai stag, 154
Maritza basin, in dispute between Serbia and Bulgaria, 7
Markham, Sir A. H., Life of Sir R. C. Markham, 43 §
Markham, Sir C. R., Life of: Adm. Sir A. H. Markham, 43 §
Markino, Y., on London smoke, 285
Marquardsen, H., on term Central Africa, 190
Masada (Es Sebbe), rock, Dead Sea, 203
Mason, Miss M. H., Transkei, 406 (*title only*)
Masterman, E. W. G., Jordan Valley and its Lakes, 128 (*title only*), 194 *
Matarieh, Egypt, Semeonis on vine and spring at, 85–86
Mercator's Projection, Who originated? Profs. Drecker and Hammer on, 270 §
Merchant Adventurer Company in Spitsbergen, 248
Mersey, model of, 113
Mexican Mts., heights of, L. Urquijo, 191 §
Meyer, H., on traffic in E. Africa, 297
Mill, H. R., remarks on "Drift of the *Endurance*," 230; on "Aerial Reconnaissance in Himalaya," 382, 388; on "Study of a Dune Belt," 250, 258; on "Work of Colloids in . . . delta formation," 112, 115
Mississippi river-bar, 101
Mohammedanism in E. Africa, 166
Moisel, M., on French Equat. Africa, and on West African forests, 190 §
Moncheur, Baron, remarks on "Belgium and Germany in Africa," 303
Moncrieff, Sir Colin C. Scott, Life of: Mary A. Hollings, 186 §
Moon, position at variance with Nautical Almanack, 219, 236
Montenegro, mobilization in 1912..118; A. Devine on, 338
Morava Valleys, political importance, 10
Moreton Bay, Queensland, sandbank at, 111
Morocco, Dr. Stiebel on German aims in, 336 §
Morrell's voyage, authenticity of, 226-7, 231–2, 234–5
Morse, E. S., Japan Day by Day, 262 §
Mossman, R. C., remarks on "Drift of *Endurance*," 233
Murdoch, W. G., Modern Whaling, etc., 264 §
Murman Railway, 362
Murray, Lord, of Elibank, Introdn. to Veach's "Quito to Bogotá," 333
Muscovy Company and Spitsbergen, 248
Musinga, negro chief, C. Africa, 300
Mus-Tau Mts., Cent. Asia, 156

N.

Nachtigal's visit to Bardai oasis, Tibesti, 243
Nahr Banias, Nahr Bareighit, Nahr Hasbani, and Nahr Leddan, sources of Jordan, 195, 197
Narenta gorge, 5
Negroes—Black Man's Part in War: Sir H. H. Johnston, 51 §
Nerang River, Australia, sandbanks in, 103
Neu Langenburg district, Germ. E. Africa, 165
New Iringa, Germ. E. Africa, 171
Newlands, A., on Water Power in Scotland, 401 §
New Utengule, Germ. E. Africa, 169
New Zealand, climate of, 127
Niehoff, C., on Niger Basin, 190 §
Niger Basin, C. Niehoff on, 190 §
Nile, navigability of, 139; Semeonis on, 80, 81; supposed connection with L. Chad, 241

Northey, Brig.-Gen., operations in Germ. E. Africa, 133, 165, 166
North-West Territories, Canada, Police Patrol in: C. D. La Nauze, 316 *
Nourse, Prof. E. G., on new sources of Food Supply, 406
Novo-Nikolaevsk, Siberia, 152

O.

Ob river, scenery, 152
Ogilvy, J., survey of English roads, 274
Oldham, R. D., Papers on Himalayas, etc., reviewed, 175 §; remarks on "Study of a Dune Belt," 251
O'Meara, on drift of sand at Durban, 102
Owens, J. S., on settlement of sand, 101; remarks on "Study of a Dune Belt," 254, 257
Oxfordshire, Geological regions of, R. T. Gunther on, 124 §

P.

Pack ice in Weddell Sea, 219
Palestine, water-power in, 215; *see* Jordan
Pangani wilderness, E. Africa, 48
Paraguay: W. H. Koebel, 122 §
Pare range, E. Africa, 134
Parkyn, E. A., Review of work on Shells and Early Culture, 184 §
Penck, A., note on, 57
Peter, Knight Templar, companion of Semeonis, 90
Peterkin, Capt. G., surveys in Karakoram, 39
Peters, C., and Germ. E. Africa, 48
Phillipson, C., and N. Buxton, Bosphorus and Dardanelles, 115 §
Picard, E., on future internat. scientific relations, 33
Picardy, Rural Population in: Capt. M. Aurousseau, 393 *
Pioneer River, Queensland, sandbanks of, 108
Pir Panjal Pass, Finch's indication of, 174
Pohle, R., On Tree and Forest limits in N. Russia, 268 §
Poland, frontiers of, 10–11; History of: Major F. E. Whitton, 329 §
Poroto chain, Germ. E. Africa, 168
Pratt, Archdn., on deflection of plumb-line by Himalaya, 176
Prior, G. T., Analysis of desert sand, 29
Pyramids of Egypt, Semeonis on, 87

Q.

Quartzite Peak, Karakoram, 39
Queensland—Meteorol. conditions and river-deposits, etc., 103 *seq.*

R.

Rabot, C., on Commdt. Tilho's work, 245
Rawling, General, death of, 2
Rechenberg, Baron von, on German emigration, 140
Reeves, E. A., Halley's magnetic variation charts, 237 *; remarks on "Study of a Dune Belt," 256; Transformation of Magnetic Dip Chart, 272 (*title only*)
Reid, C. A., award to, 335
Renaud, —, on standard time at sea, 97
Renkin, —, remarks on "East Africa," 145
Rennell, Major J., on Carmichael's journey, 324, 325
Rew, Sir H., on wheat supply, 326
Reynolds, O., model of River Mersey by, 113
Rhine, delta of, 118
Rhodope Balkans, influence upon trade and agriculture, 6, 7
Rhone, delta of, 110
Richmond River, Queensland, sandbanks in, 108
Riley, W. E., note on "London Society's Map," 292
Rilo, Bulgarian monastery, position, 15
River Currents and Earth's rotation, 113–114; windings of rivers, 404
Robinson, Dr. E., on Dead Sea levels, 205
Rôda Id., Nile, 86
Rodd, Sir R., on Symon Semeonis, 58
Roncagli, Comm. G., on discovery of Clipperton Atoll, 405 §
Rouvier, Father, murder of, 319
Rovuma River, strategic importance of, 133
Royal Geographical Society—Address by President, 1; *Geog. Journal*, cost and reduced size of, 2, 123; medals and awards, 335; Meetings and elections, 64, 128, 192, 272, 340, 408; Resolution of Council respecting Spitsbergen, 246
Ruanda, C. Africa, 298
Rudmose Brown, R. N., remarks on "Drift of *Endurance*," 235
Rujm el Bahr Id., Dead Sea, 207
Rumanian aspirations, 12; nationality, 4
Rungwe Mission, Germ. E. Africa, 166; Mt., 168
Russell, A., on Carmichael's journey, 323
Russia, Forest Region of N.E.: E. P. Stebbing, 340 (*title only*), 359 *; Tree limits in N.: Dr. R. Pohle, 268 §

S.

Saewulf, quoted, 95
Salathia (Salihieh), Semeonis at, 92
Saltoro Pass, 38, 39
Sandbank and Delta formation, Work of Colloids in: E. C. Barton, 64 (*title only*), 100 *
Saracens, Semeonis on, 77, 84–85, 89
Saussure, H. B. de, on aerial reconnaissance, 384
Savile, Col., on Jebel Marra, Darfur, 244
Scharze, Herr, on German need of new colonies, 303
Schoff, W. H., on Early Sea-route to Far East, 403 §
Scotland, Water Power, A. Newlands on, 401 §
Scott-Moncrieff; *see* Moncrieff

Sea, Standard Time at, 97 *
Sebka, mud flat, Dead Sea, 204
Seiches in Jordan lakes, 210–11
Semeonis, S., Pilgrimage of: M. Esposito, 77 *; Sir Rennell Rodd on, 58; "radigthe" of, F. Gleadow on, 272
Senegal Region, Desiccation in, Hubert on, 404 §
Senussi, operations against, 240
Serbia—and Adriatic question, 7; boundaries, 10; commercial disabilities, 10, 15; History: H. W. V. Temperley, 115 §; Serbian character, 4
Seton-Watson, R. W., Rise of Nationality in Balkans, 115 §
Sette comuni or Asiago plateau, 69, 70
Settlement, climate and, G. Taylor on, 126 §
Sharpe, Sir A., remarks on "Belgium and Germany in Africa," 304
Shells [and] migration of Early Culture: J. W. Jackson, 184 §
Shipwreck camp, Arctic, 310
Siachen Glacier, Dr. Longstaff's explns., 38
Siberia, Future of: Col. Harald Swayne, 128 (*title only*), 149 *; My Siberian Year: M. A. Czaplicka, 331 §
Simpson, J. Y., remarks on "Forest Region of N.E. Russia," 371
Sinclair, Sir J., on metropolitan roads, 274
Siningfu, Kansu, 343
Sion, Mt., Semeonis on, 94
Siwalik Hills, origin of, 179
Skeleton Id., Wrangell Id., Arctic, 314
Slav problems in Balkans, 8–11
Slovaks and Slovenes, 8–9
Smuts, General, Hon. Member R.G.S., 2; East Africa, 129 *, 192 (*title only*); postponement of lecture, 1
Solf, Herr, on German war aims, 141
Solvichegodsk, Vichegda Basin, 368
Somaliland, Italian—Missione Stefanini-Paoli, 332 §
Songwe River, E. Africa, 169
South Orkneys, Argentine Station in, 338; climate of, 234-235
Spain, not suited for Summer time, 406
Speerschneider, —, on ice in Arctic Seas, 56
Spencer-Smith, A. P., death of, in Antarctic, 36
Spitsbergen, British interests in, 245 *; Expédition Isachsen au Spitsberg 1909–10. Résultats scientifiques, 397 §
Sprigade, P., on Upper Senegal and Niger, 190 §
Spurrell, H. G. F., Modern Man and His Forerunners, 52 §
Stebbing, E. P., Forest Region of N.E. Russia, 340 (*title only*), 359 *
Steensby, H. P., origin of Eskimo Culture, 263 §
Stefanini-Paoli, Missione: Ricerche Idrogeoliche, Botaniche, etc. [Somaliland], 332 §
Stefánsson, V., leaves *Karluk*, 308; his return, 126, 338
Stein, Sir A., French award to, 271; Routes from Panjab to Turkestan . . . recorded by W. Finch, 172 *
Stenning, Sir A., remarks on "London Society's Map," 289
Stevenson, on river-bars, 101
Stiebel, —, on German aims in Morocco, 336 §
Stone Street, 273
Suchem, L. von, quoted, on egg-hatching stoves at Cairo, 89
Sudan, French: Mission Scientifique au Soudan: H. Hubert, 258 §
Suess, E., on mountain formation in Asia, 180
Summer time, discussed in Egypt and Spain, 406
Sunbeam, R.Y.S., Earl Brassey, 265 §
Survey, Resection in: G. T. McCaw, 340 (*title only*)
Svensen, O., *King and Wing* rescue party under, 315
Swayne, Col. H. G. C., Future of Siberia, 128 (*title only*), 149 *
Swinton, Capt., remarks on "Aerial Reconnaissance in Himalaya," 387
Sykes, G., remarks on "Study of a Dune Belt," 252

T.

TABORA, E. Africa, 296, 297
Tallebudgera River, E. Australia, sand-banks in, 103–106, 108
Tanga, Marching on: F. B. Young, 48 §
Tanganyika railway, 294–295, 301, 302
Tannenberg, R., on German right, 302
Tatung Alps, China-Tibet border, tribes of, 344
Taylor, A., remarks on "London Society's Map," 289
Taylor, G., honour to, 128; on climatic control of settlement, 126 §
Taylor, Major G. I., remarks on "Aerial Reconnaissance in Himalaya," 387
Temperley, H. W. V., History of Serbia, 115 §
Thacker, F. S., Thames Highway, 394 §
Thames Highway: F. S. Thacker, 394 §
Theal, G. M., History of Africa S. of Zambesi, Vol. I.. 396 §
Thomas, —, quoted, on river-bars, 101
Thoulet, J., quoted, on river-bars, 101
Tibesti and Wadai, work of Commdt. Tilho in, 240 *
Tibet—On the Eaves of the World: R. Farrer, 121 §
Tientang Ssu, Tibet, 348
Tierra del Fuego: Soberania Chilena . . . al sur del Canal Beagle: J. G. Guerra, 334 §
Tilho, Commdt., award to, 335; return of, 54; Work of, in Tibesti and Wadai, 240 *
Timber, shortage of, 369
Time, Standard, at Sea, 97 *; "Zone" Time, 191
Tombeur, Gen., operations in Germ. E. Africa, 302

Torrens River, S. Australia, sandbank of, 109
Transkei: M. H. Mason, 406 (*title only*)
Transylvania, racial complexity of, 15; Rumanian expansion into, 12
Trentino: C. Battisti, 48§; frontier of Italy in, 66, 67
Tripoli, snowfall in, Prof. Eredia on, 125§
Trotter, S., on Coastal Plain and Piedmont Plateau of E. United States, 125§
Turkey—Turkish Empire: Lord Eversley, 115§
Turks and the Balkans: M. E. Durham, 115*
Tusida Mt., Tibesti, 243
Tweed River, Queensland, sandbanks in, 108

U.

UHEHE Highlands, Germ. E. Africa, 170
Unianga lakes, Sudan, 241
United States—Coastal Plain and Piedmont Plateau of Eastern, S. Trotter on, 125§; Food supply in, E. G. Nourse on, 406§
Unyamwesi plains, E. Africa, 296
Upper Senegal and Niger Colony, P. Sprigade on, 190§
Urdok glacier, 41
Urquhart, L., remarks on "Future of Siberia," 163
Urquijo, L., on heights of Mexican Mts., 191§
Usambara range, E. Africa, 134
Usangu country, E. Africa, 169
Ust Sisolsk district, N.E. Russia, 368–369
Utshungwe Mts., E. Africa, 172

V.

VAISSEAU-MOREAU, Lieut., on standard time at sea, 97
Val Fella, protection of, 71
Valverde's "Derrotero," 60, 61
Van der Burght, Pater, on depopulation in E. Africa, 296
Vardar basin, in dispute between Serbia and Bulgaria, 7
Vasconcellos, Capt. E. de, on "International State" in C. Africa, 188, 189
Veatch, A. C., Quito to Bogotá, 333§
Vichegda basin, N.E. Russia, 366–369
Vidal de la Blache, P., France de l'Est, 119§
Vizetelly, E. A., True Story of Alsace-Lorraine, 395§
Vlachernæ Monastery, Morea, 59
Volcanic Studies: T. Anderson, 266§
Vosges Mts, 119

W.

WADAI, Commdt. Tilho in Tibesti and, 240*
Wagner, P. A., Geology and Mineral Industry of S. W. Africa, 263§
Wahehe, Germ. E. Africa, 171
Waller, Poet, on Balkan questions, 117
Watling Street, 273
Watt, —, quoted, on river-bars, 101
Webb, Sir A., London Society's Map, 192 (*title only*), 273*
Weddell Sea, discovery of, etc., 216–217
Wentzel-Heckmann Lake, Germ. E. Africa, 169
West Indies and Azores, Plants, Seeds, and Currents in: H. B. Guppy, 399§
Whaling and Bear-hunting, Modern: W. G. Murdoch, 264§
Wheat Problem: Sir W. Crookes, L. W. Lyde on, 325*
White, John Claude, obituary, 407
White Wolf insurrection, W. China, 121
Whitton, Major F. E., History of Poland, 329§
Wilson's "Pilgrimage of Abbot Daniel," quoted, 94
Wooli River, Queensland, sandbanks of, 108
Wordie, Lieut. J. M., Drift of *Endurance*, 128 (*title only*), 216*
Workman, F. B. and W. H., Glaciers and Passes of the Karakoram, 38§
Workman, W. H.: *see* Workman, F. B.
World, On the Eaves of: R. Farrer, 121§
Worsley, Lt.-Comm., Obsns. of position of *Endurance*, 218
Wrangell Id., Arctic, 312–313
Wren, Sir C., plan for London roads, 273
Wyon (Gyon, Gihon), or Nile, Semeonis on, 79

Y.

YANGTZE River, gorges of, 353; windings of, 404
Yate, Col. C. E., remarks on "Jordan Valley and its Lakes," 215; on "Forest Region of N.E. Russia," 372; on "London Society's Map," 290
Yellow River, freezing of, 341
Young, F. B., Marching on Tanga, 48§
Younghusband, Sir F., Journeys in Karakoram, 38; remarks on "My Second Journey on Border of Kansu," 356

Z.

ZANGWILL, I., remarks on "Jordan Valley," etc., 213
Zimmermann, E., on German colonies, 143
Ziryanim people, N.E. Russia, 367
Zor channel, Jordan Valley, 195

INDEX TO MAPS

(s.m. = sketch-map.)

EURASIA.

Russian Dominions and neighbouring countries (s.m.), 151

EUROPE.

Geography of Italian Front, to illustrate paper by Magg. Cav. F. De Filippi, 128
London—
Part of Index plan prepared by L.C.C., 277
Part of plan showing results of Traffic
London—*continued.*
Census, 1913, for south-western area, 276
Town-planning schemes in various stages beyond L.C.C. area, 276
Russia (s.m.), 360

ASIA.

Palestine (s.m.), 195
Siachen Glacier (s.m.), 40
Siberia, Col. H. Swayne's route (s.m.), 153

AFRICA.

East Africa, 192
Lake region (part of), to illustrate the Comte de Briey's paper (s.m.), 293
Mittel-Afrika in Karten 1 : 2,000,000. Cover of a sheet of new map, 140
"Mittel-Afrika," German conception of, 141
Tibesti region: work of Commdt. Tilho, 243

ANTARCTIC.

Chart to illustrate paper on Drift of the *Endurance*, by Lt. J. M. Wordie, 272

ILLUSTRATIONS AND DIAGRAMS

EUROPE.

Italian Front—
Asiago plateau from slope of Cima Echar, 68
Caporetto (Karfreit) and Idersko from Luico Road, 76
Podgora and Gorizia, 77
Valley of the Isonzo, 68
London—
Charing Cross, 292
Proposed Imperial Roadway over Thames, Charing Cross, 292
Northern Russia—
Barge with Siberian cattle towed down the N. Dvina to Archangel, 368
Northern Russia—*continued.*
Churches of Yarmuk on the Vichegda, 369
Limestone cliffs on N. Dvina with old forest of larch, spruce, pine, and birch, 368
Solvichigodska on the Vichegda River, 369
Vichegda River below Ust Sisolsk. Ziryanim villagers landing from upstream, 369
Wharves and river steamers at Kotlas at the head of the N. Dvina, 368

ASIA.

Himalaya, Aerial reconnaissance in—
Kangchenjhau Massif, N. slope of W. part, 376
Unexplored valley N.W. of Jongsong peak, showing possible landing-place at 19,000 feet, 377
Palestine—
Geol. section from Mediterranean through Dead Sea, 194
Jebel Usdum, 197
Lake deposits of salt and clay, El Lisan, 197
Masada, 204
Raised beach, shore of Dead Sea near Wadi Zerka Maiin, 204
Raised beaches on E. shore of Dead Sea, 197
Salt smugglers, 205
Seiche records, 210; Seiches, Observation of, Sea of Galilee, 205
Wadi Zerka Maiin, 197
Siberia—
Chuya river near Aigulak, Cliffs on the, 152; On the Chuya near Kosh-Agach, 153
Ferry on the Katun near Ust-Inya, 152
River terraces on the Chuya near junction with Katun, 152
Tenginskoe Lake, 153
Timber rafts on the Ob, 152
Vaccinator of Kuaktenar, 153
Tibetan Border of Kansu—
Aster Farreri, *sp. nova*, 353
Da-tung Alps and Course of Wolfstone Dene, 352; High basin in same, 353
Eroded red cliffs on Great North road, 344
On High pass between Ganchang and Chebson, 352
Wolvesden House, 345; High up southerly valley behind same, 345
Sining-fu, East Gate and gate court, 344

AFRICA.

Dune belt—
Camp within crescent dune 21 from S.S.E., 28
Draught screen to protect railway, 28
Effects of reversal of wind on section of a dune, 25
Large dune with top turned near El Wad Souf, 29
Plan of dunes in the Abu Moharik belt, 18
Sections of dunes, 20, 21
Source of dune belt at mouth of gorge, 29
East Africa—
Canyon of Songwe near Towero, 165
Economic value of Germ. E. Africa (diagr.), 296
'Kaiserhof,' Kigoma, 297
Kigoma station, Tanganyika, 297
Lake in Kisaka, 300
Livingstone Range near Alt-Wangemannshöhe, 165
Mlagarasi Bridge, 300
Musinga in gala dress, 301
Musinga's athletes, 301

East Africa—*continued.*
View from the Siga-Mbili peak of the Rungwe volcano, 164
Wentzel-Heckmann Lake in Crater of Ngosi volcano, 164
Tibesti and Wadai—
Gorge of Arshei, Entrance to large cave, 241
Tibesti and Wadai—*continued.*
Gorges of Arshei, Ennedi, 240
Gorges of Durduro, Erdi, 241
Lake of Unianga, 240
Rock cistern in Erdi, 241
Rocks of Tongur, valley of Misk 240

AMERICA.

Canada : N.W. Territories—
Alaska leaving Bernard Harbour, July 1916..317
Ascending the Bear River, 316
Best timbered region, Coppermine River, 316
Canada : N.W. Territories—*continued.*
Fort Norman, Mackenzie River, 317
Harbour, Herschel Id., 317
Site of old Fort Confidence, Dease Be 316

AUSTRALIA.

Sandbank and Delta Formation—
Jetty bank formation on windward side of outfall into sheltered bay: Barratta Creek, 109
Mouths of Burdekin River, 107
Multiple sandbanks maintained by Burdekin River, 107
Sandbank and Delta Formation—*continued.*
Small river-mouths, N.E. coast, 102
Successive positions of banks, gutt and false beaches: Tallebudg River, 104

ANTARCTIC.

Endurance beset in March, 1915..224
Mr. Hussey and dog-team, Sept. 1915.. 225
Pressure ridges, April 1915..225
Ship working through a lead, 224

END OF VOL. LI

PRINTED BY WILLIAM CLOWES AND SONS, LIMITED, LONDON AND BECCLES, ENGLAND.

.
240
41

of Miski,

continued.
River, 317
7
, Dease Bay,

rmation—*con-*

coast, 102
anks, gutter,
Tallebudgera

225
224

NGLAND.